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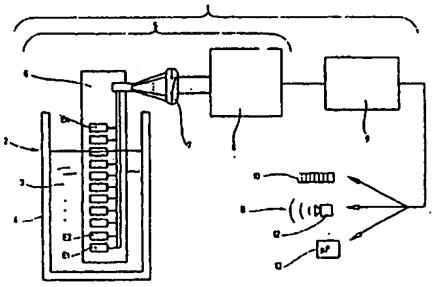
(54) Title: DEVICE AND METHOD FOR MEASURING CAPACITANCE AND DEVICE FOR DETERMINING THE LEVEL OF A LIQUID USING ONE SUCH DEVICE



(57) Abstract: The invention relates to a device (5) for measuring capacity, said device comprising an electrode arrangement consisting of a plurality of electrodes (E1, E2, ..., En) which are adjacently and/or successively arranged on a carrier (6), an intrinsic measuring device (8) for measuring the capacitance between a first electrode (E2), in the form of a measuring electrode, and a second electrode (E1), in the form of a counter-electrode, and a controllable switching device (7) for connecting the electrodes (E1, E2, ..., En), in the form of first and second electrodes (E2, E1), to the measuring device (8) in such a way that they can be switched in a pre-determinable manner. The inventive device is characterised in that each electrode (E1, E2, ..., En) of the electrode arrangement can be switched in a controlled, alternate manner by the switching device (7), in the form of a measuring electrode, and respectively at least one of the other electrodes (E1, E2, ..., En), in the form of a counter-electrode, can be switched to a pre-determinable reference potential. The invention also relates to an associated method, and a device (1) for determining the level (2) of a liquid (3) using one such device (5).

[Fortsetzung auf der nächsten Seite]

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